AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An optical fiber drawing apparatus, comprising:

a heating furnace adapted to melt an optical fiber mother material and to draw an optical fiber;

an optical fiber standard value controller unit adapted to control standard values of the optical fiber drawn;

a fixing roller adapted to change a drawing direction of the optical fiber;

at least one or more moving rollers which are movable on a drawing surface for adjusting a curvature radius of the optical fiber which has a changed drawing direction; and

a winding apparatus adapted to wind the optical fiber which has an adjusted curvature radius.

2. (Original) The apparatus of claim 1, wherein there is provided a bracket connected to said at least one or more moving rollers, respectively, in order for said at least one or more moving rollers to move along a drawing surface of the optical fiber.

3. (Currently Amended) The apparatus of claim 2, wherein said bracket comprises a vertical direction guide formed by a groove extending ~~in which grooved~~ in a vertical direction and in which a shaft of ~~each of~~ at least one or more moving rollers is embedded, ~~and~~ in order for said at least one or more moving rollers to reciprocate in ~~a~~ said vertical direction.

4. (Original) The apparatus of claim 3, wherein a pivot joint is installed in one side of the bracket, and the bracket rotates about the pivot joint.

5. (Currently Amended) The apparatus of claim 2, further comprising ~~an~~ a spin apparatus capable of impressing a spin to the optical fiber by reciprocating the bracket in a ~~vertical~~ transverse direction with respect to a drawing plane ~~surface~~ of the optical fiber, said apparatus being connected with a bracket connected to one among said at least one or more moving rollers.

6. (Currently Amended) The apparatus of claim 5, wherein said spin apparatus adapted to impress a spin to the optical fiber ~~is~~ includes a link connected CAM.

7. (Currently Amended) The apparatus of claim 1, wherein said optical fiber standard value controller unit comprises:

an optical fiber diameter controller unit adapted to measure and control ~~the~~ a diameter of the optical fiber; and

an optical fiber fabricating unit adapted to process an optical fiber of which ~~that the~~ diameter ~~of the same is~~ has been measured.

8. (Original) The apparatus of claim 7, wherein said optical fiber diameter controller unit comprises:

a diameter measuring device adapted to measure a diameter of an optical fiber drawn from the heating furnace; and

a capstan adapted to draw an optical fiber having a particular diameter with respect to the diameter measured.

9. (Original) The apparatus of claim 7, wherein said optical fiber fabricating unit comprises:

a cooling apparatus adapted to cool the optical fiber melted in the heating furnace;

a coating apparatus adapted to coat the cooled optical fiber with a certain coating material; and

a violet ray hardening apparatus adapted to harden the optical fiber coated.